CREST Cyber Olympiad (CCO)

Class 6 (Set - A)

Time Allowed: 1 hour   **Maximum Marks: 60**

- Additional **10 minutes** will be allotted to fill up information on the OMR Sheet, before the start of the exam.
- Fill in all the mandatory fields clearly on the OMR Sheet.
- There are a total of **50 questions** in this booklet comprising **2 sections** namely the **Computer & IT and Achievers' Section** consisting of **40 questions (1 mark each) & 10 questions (2 marks each)** respectively.
- There is no negative marking. The use of a calculator is not permitted.
- There is **only ONE correct option** to a given question.
- Use **HB Pencil / Ball point pen (Blue / Black) only** for marking the correct choice of answers on the OMR Sheet.
- Rough work is to be done in the space provided in the test booklet. Extra plain sheet may be provided by the school for the rough work.
- The OMR Sheet is to be handed over to the invigilator at the end of the exam.
- No candidate is allowed to carry any textual material, printed or written, bits of paper, any electronic device, digital watches, etc. inside the examination hall.
- The use of unfair means may result in the cancellation of the exam. Any such instances must be reported at **+91-98182-94134** or **info@crestolympiads.com**

DO NOT OPEN THIS BOOKLET UNTIL ASKED TO DO SO

FILL IN THE DETAILS

Candidate Name: _____

Class: _____ Section: _____

CREST ID: _____

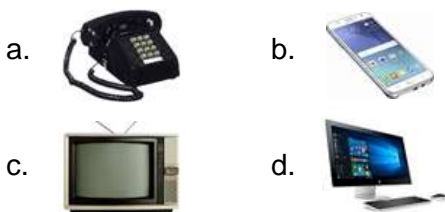# Computer & IT (Each Question is 1 Mark)

1. Fill in the blank:
_____ is smaller than the normal line of type and is set slightly above it.

   a. Outlined
   b. Raised
   c. Superscript
   d. Subscript

2. Which of the following was used as the main component in the first-generation computers?

   a. Integrated Circuit
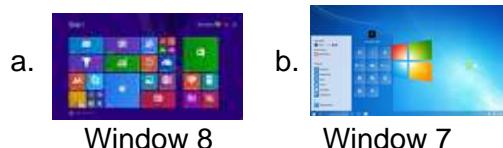   b. Transistors
   c. Microprocessor
   d. Vacuum Tube

3. A network helps you to share a peripheral and a software. Which out the following is an example of wireless networking?

   a.
   b.
   c.
   d.

4. A domain that ends with "org" is which one out of the following?

   a. An organization
   b. A commercial website
   c. A network site
   d. A site which has very high traffic

5. Choose the one that doesn't have a start button.

   a.
   Window 8
   b.
   Window 7

   c.
   Window XP
   d.
   Window 98

6. Graphical pictures that we use for representing objects like folders or files are called?

   a. Taskbar
   b. Windows
   c. Icons
   d. Desktop

7. Which of the following belongs to the first generation of computer?

   a. HNIAC
   b. IBM 1401
   c. IBM 8090
   d. UNIVAC

8. Which feature do you use to create a newspaper like document?

   a. Bullet and numbering
   b. Tables
   c. Columns
   d. Tab stops

9. In MS Word, what is the shortcut key to "Center Align" the selected text?

   a. Ctrl + C
   b. Ctrl + E
   c. Ctrl + F
   d. Ctrl + L

10. Fill in the blank:
The binary system uses power of _____.

   a. 2
   b. 8
   c. 10
   d. 16

11. MS PowerPoint is a presentation tool that enables to present your presentation with graphics and animation. Which one of the following is the right extension of a presentation file?

a. .pdf b. .docx
c. .txt d. .pptx

12. Which of the following best describes the gutter margin?

a. Margin that is added to the left margin when printing.
b. Margin that is added to right margin when printing.
c. Margin that is added to the binding side of page when printing.
d. Margin that is added to the outside of the page when printing.

13. Which of the following is operating system for mobiles?

a. Windows XP b. Mac OS
c. Android d. Linux

14. Which of the following best characterizes digital information?

a. A stream of zeros and ones, or bits
b. Something made possible by high-speed printers and colour reproduction
c. Information in virtual space
d. Three-dimensional space containing compacted data

15. Fill in the blank:
The software which controls the general operations of the computer system is classified as _____.

a. Dump programs
b. Function system
c. Operating system
d. Enquiry system

16. In MS Word, which of the following best describes the term Word Wrap?

a. When MS Word hyphenates a word at the end of the line
b. When MS Word determines if there is no space for a word at the end of a line
c. When MS Word deletes a word because it is too long
d. When typist hyphenates a word at the end of the line

17. Which of the following is the codename of OS X 10.11?

a. Mavericks b. Yosemite
c. Mountain d. Captain

18. OS X versions have been developed under which of the following code name?

a. Confectionery-themed
b. Vehicle-themed
c. Big cat-themed
d. Light-themed

19. Fill in the blank:
_____ is an input device which converts images as digital formats.

a. Scanner
b. Laser Printer
c. Touch Screen
d. Dot Matrix Printer

20. Which of the following type of printer is widely used in ATMs?

a. Inkjet b. Laser
c. Drum d. Thermal

21. Which technology is used in compact disks?

a. Mechanical
b. Electrical
c. Electro Magnetic
d. Laser

22. Fill in the blank:
CD-ROM is a _____.

    a. Primary memory device
    b. Memory register
    c. Magnetic memory
    d. None of the above

23. Fill in the blank:
The _____ indicates how much data a particular storage medium can hold.

    a. Access   b. Capacity
    c. Memory   d. Storage

24. Complete the following sentence:
In MS PowerPoint, slides can have _____.

    a. title, text, graphs
    b. drawn objects, shapes
    c. clipart, drawn art, visual
    d. All of the above

25. Which of the following generation of computer employs semiconductor tubes?

    a. First generation
    b. Second generation
    c. Third generation
    d. Fourth generations

26. What happens if you select a text and then press Ctrl + I in MS Word?

    a. The text becomes italics
    b. The text gets underlined
    c. The text erases
    d. The text becomes bold

27. Fill in the blank:
_____ has revolutionised the business world by making everything available by the simple click of a mouse button.

    a. Radio   b. Internet
    c. Television   d. Telephone

28. What is the term used for a piece of icon or image on a webpage associated with another webpage?

    a. URL   b. Hyperlink
    c. Plugin   d. Cookie

29. Which of the following option is not available under the given feature of MS Word 2010?

    a. Sentence case
    b. Character case
    c. Capitalize Each Word
    d. Toggle Case

30. Fill in the blank:
_____ are hardware and software combinations that connect devices running different native protocols.

    a. Gateways   b. Ports
    c. Protocols   d. Models

31. What is the term used for the file that is linked with an e-mail and sent to the receiver of the e-mail?

    a. Annexure   b. Attachment
    c. Add-On   d. Appendage

32. What do you call the time for which a piece of equipment operates?

    a. Access time   b. Real time
    c. Seek time   d. Effective time

33. Look at the image carefully and identify from where you can get these options in MS Word?

a. Effects   b. Themes
c. Fonts   d. Styles

34. Which technology company has launched 'Online Business Guide' and a training programme to help people move their business online?

a.
b.
c.
d.

35. Which of the following places the common data elements in order from smallest to largest?

a. Character, File, Record, Field, Database, File
b. Character, Field, Record, File, Database
c. Character, Record, Field, Database, File
d. Bit, Byte, Character, Record, Field, File, Database

36. What do you call the permanent memory that is built into your computer?

a. RAM   b. ROM
c. CPU   d. CD-ROM

37. Permanent instructions that the computer uses when it is turned on and that cannot be changed by other instructions are contained in which of the following memory unit?

a. RAM   b. ROM
c. CPU   d. ALU

38. Which of the following best describes the Virtual memory

a. Memory on the hard disk that the CPU uses as extended RAM
b. Memory on the RAM
c. Memory that is only necessary if you do not have any RAM in your computer
d. A backup device for internal storage

39. Which storage type is used in the modern digital cameras, mobile phones, MP3 players etc.?

a. Flash memory card
b. Pen drive
c. Optical drive
d. Cache memory

40. Which of the following is the term used to refer to renewing or changing components like increasing the main memory, or hard disk capacities, or adding speakers, or modems, etc.?

a. Grades   b. Prosody
c. Synthesis   d. Upgrades

41. Match the following icons with the MS PowerPoint views they display:

	Column A		Column B
(a)		(i)	Slide Sorter View
(b)		(ii)	Slide Show
(c)		(iii)	Normal View

a. (a) - (ii), (b) - (i), (c) - (iii)
b. (a) - (iii), (b) - (i), (c) - (ii)
c. (a) - (i), (b) - (iii), (c) - (ii)
d. (a) - (iii), (b) - (ii), (c) - (i)

42. Match the following Google apps with their logos:

	Column A		Column B
a.		(i)	Google Drive
b.		(ii)	Google Talk
c.		(iii)	Google photos

a. (a) - (ii), (b) - (i), (c) - (iii)
b. (a) - (i), (B) - (iii), (c) - (ii)
c. (a) - (iii), (B) - (i), (c) - (ii)
d. (a) - (iii), (B) - (ii), (c) - (i)

43. Four friends Eva, Dave, John and Emma are discussing about computer's memory. Read their statements and identify who is incorrect?
Eva: An EPROM can be programmed, erased and reprogrammed by the user with an EPROM programming instrument.
Dave: Magnetic tape is a medium for magnetic recording, made of a thin, magnetisable coating on a long, narrow strip of plastic film and is non-volatile
John: Magnetic core and semiconductor memories are used as mass memory medium.
Emma: RAM is a type of computer memory that can be accessed randomly.
a. Eva   b. Dave
c. John   d. Emma

44. Identify the correct option based on the description given below:
1. A device which performs optical character recognition and produces coded signals corresponding to the characters identified.
2. It is an input device that uses a light beam to scan codes, text, or graphic images directly into a computer or computer system.
3. The technology used in this device was developed in 1969 by Willard Boyle and George Smith.
4. It was built in 1957 at the US National Bureau of Standards by a team led by Russell A Kirsch.

a. Punch Card Reader
b. Optical Scanners
c. Magnetic Tape
d. OMR

45. Fill in the blanks:
(i) The World Wide Web (WWW) was invented by _____.
(ii) _____ is considered the official birthday of the internet.
(iii) The second generation computer had _____.

(iv) _____ is a new generation of storage devices used in computers.

a. (i) Steve Rogers, (ii) January 1, 1980, (iii) USB, (iv) Vacuum Tube
b. (i) Larry Page, (ii) April 20, 1987, (iii) Joystick, (iv) Silicon Chips
c. (i) Tim Berners-Lee, (ii) January 1, 1983, (iii) SSD, (iv) Transistor
d. (i) Bill Gates, (ii) January 1, 1980, (iii) PCI Card, (iv) Bio Chips

46. Which of the following statements are incorrect?
Statement 1: NPL, ARPANET, Merit Network are few of the networks that led to the Internet.
Statement 2: Packet switching is not a rapid store and forward networking design.
Statement 3: IPv4 uses 32-bit addresses while IPv6 uses 64-bit addresses
Statement 4: CYCLADES is called the killer-application of the Internet.

a. Statement 3 and Statement 4
b. Statement 1 and Statement 2
c. Statement 2 and Statement 3
d. Statement 2 and Statement 4

47. Complete the following sentence:
In a computer, Screen Saver enables you to _____.

a. save energy if it turns off the screen or the backlight
b. protect your computer from being accessed by other users when you make it password enabled
c. display another picture for your screen after specified time as per specification
d. All of the above

48. Identify the term with the help of the following statements:

(i) A removable disk drive that put the heads and platters (disks) in a sealed unit for greater speed.
(ii) A new type of HDD introduced by IBM in 1973.
(iii) Initially three models were announced, the 3340-A2 with two drives and a controller.
(iv) It has 30MB of fixed storage and 30MB of removable storage

a. Hard disk
b. Magnetic disk
c. Optical disc drives
d. Winchester disk

49. Which is the best definition of a software package?

a. A set of computer programs used for a certain function such as word processing
b. The box, manual and license agreement that accompany commercial software
c. An add-on for your computer such as additional memory
d. A protection you can buy for a computer

50. What should you do if you require the same format at specified places while working in MS Word application?

a. Click the Format painter and click at the specified places holding the Alt Key.
b. Click the Format Painter and click at the specified places holding the Ctrl Key.
c. Double click the Format Painter and click at the specified places.
d. All of the above are valid

Answer Key

1. c	2. d	3. b	4. a	5. a	6. c	7. d	8. c	9. b	10. a
11. d	12. c	13. c	14. a	15. c	16. b	17. d	18. c	19. a	20. d
21. d	22. d	23. b	24. d	25. b	26. a	27. b	28. b	29. b	30. a
31. b	32. d	33. b	34. a	35. b	36. b	37. b	38. a	39. a	40. d
41. b	42. c	43. c	44. b	45. c	46. d	47. d	48. d	49. a	50. c